MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

SEPTEMBER, 1934

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

SEPTEMBER 1934
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	57.6	56.1	56.6	57.0	31.4	24.3	28.5	30.3	26.7	28.5
2	7.1	6.7	7.4	7.1	31.9	23.9	28.2	30.9	25.4	28.2
3	7.3	7.1	7.9	7.4	31.9	23.6	27.8	30.8	25.4	28.0
4	9.3	9.0	9.3	9.2	32.0	23.1	28.7	31.2	26.4	28.8
5	8.9	9.0	9.1	9.0	32.8	25.1	29.7	32.2	26.7	29.5
6	58.9	58.1	57.5	58.2	32.4	25.1	30.4	30.4	27.3	29.4
7	8.1	7.5	8.1	7.9	32.7	25.9	29.4	31.9	27.8	29.7
8	8.1	7.4	7.7	7.7	31.4	25.1	27.8	30.0	26.1	28.0
9	8.5	8.1	8.3	8.3	31.3	24.6	28.7	30.4	25.9	28.3
10	7.7	6.7	6.9	7.1	30.9	23.8	28.6	29.7	25.8	28.0
11	57.1	56.3	56.8	56.7	31.1	23.0	28.2	30.8	24.8	27.9
12	7.5	7.1	8.0	7.5	31.2	22.9	27.8	30.1	25.3	27.7
13	8.7	8.3	8.8	8.6	31.9	22.9	28.6	31.0	26.8	28.8
14	8.5	7.3	6.3	7.4	32.8	24.9	28.3	30.4	27.3	28.7
15	6.3	5.4	6.5	6.1	31.4	24.9	28.8	30.5	25.4	28.2
16	57.4	57.1	58.5	57.7	30.3	23.0	27.7	29.8	25.0	27.5
17	60.0	9.7	60.5	60.1	30.8	22.8	27.0	30.4	24.7	27.4
18	60.5	9.3	59.4	59.7	31.6	22.9	28.0	30.0	25.5	27.8
19	58.8	7.6	7.9	8.1	30.8	22.3	27.9	30.4	25.2	27.8
20	8.2	7.5	8.9	8.2	30.7	22.4	27.6	29.4	24.6	27.2
21	60.4	59.5	61.1	60.3	29.7	23.2	26.5	29.4	23.8	26.6
22	61.9	60.3	61.0	61.1	29.9	21.4	27.0	29.3	24.1	26.8
23	59.7	58.3	59.2	59.2	29.9	21.7	26.3	29.2	23.8	26.4
24	9.5	8.7	9.1	9.1	30.2	20.6	25.7	29.4	25.3	26.8
25	9.3	8.3	8.9	8.8	29.9	22.2	27.4	29.4	24.5	27.1
26	59.1	58.5	59.9	59.2	30.0	22.3	26.9	29.3	24.1	26.8
27	60.4	9.9	60.4	60.2	30.0	21.9	27.2	28.3	23.8	26.4
28	60.5	9.8	60.2	60.2	30.0	22.4	26.6	28.8	24.6	26.7
29	60.8	60.6	61.4	60.9	30.2	22.0	26.8	29.2	23.7	26.6
30	61.7	60.9	61.0	61.2	30.2	21.5	27.4	29.7	23.8	26.9
	758.93	758.24	758.75	758.64	31.05	23.19	27.83	30.09	25.32	27.75

Barometer, range for month 755.4 –761.9 mm.
„ 50-yr. average for month 758.957 mm.
Thermometer, Range for month 20.6°—32.8° C.
„ 50-yr. average for month 27.13° C.
Rain, total for month 0.381 m.m.
„ , 50-yr average for month 7.37 mm.
„ , total, Sept. 1st to end of month 0.381 mm.
., , 50-yr. average, Sept. 1st to end of month 7.37 mm

SEPTEMBER 1934
METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	23.9	24.1	23.9	18.4	17.5	19.8	18.6	63	54	76	64	11.8	
2	23.8	24.7	22.6	18.3	18.2	18.1	18.2	64	55	75	65	10.6	
3	22.7	23.2	22.0	16.6	15.7	17.0	16.4	59	46	70	58	11.3	
4	23.9	25.3	23.7	18.1	19.1	19·5	18.9	61	57	77	65	10.8	
5	25.6	26.3	24.3	20.7	20.4	20.5	20.5	66	57	79	67	11.7	
6	25.9	26.0	25.3	21.0	21.1	22.1	21.4	65	65	83	71	11.2	
7	25.4	26.4	24.6	20.7	20.9	20.2	20.6	67	59	73	66	8.4	
8	23.3	23.7	22.3	17.7	17.0	17.0	17.2	64	54	67	62	8.2	0.381
9	22.0	22.8	21.8	14.9	15.2	16.3	15.5	51	47	65	54	8.5	
10	22.2	24.9	20.8	15.4	19.5	14.7	16.5	53	62	60	58	6.9	
11	22.4	23.2	21.3	16.0	15.6	16.2	15.9	56	46	70	57	8.9	
12	22.4	24.1	21.9	16.1	17.5	16.9	16.8	58	55	71	61	10.0	
13	22.6	23.8	21.9	16.0	16.5	15.9	16.1	54	49	60	54	10.1	
14	21.6	22.1	20.4	14.4	14.1	12.5	13.7	50	44	46	47	10.2	
15	23.3	24.1	21.8	17.0	17.3	16.7	17.0	57	53	69	60	10.1	
16	22.4	23.5	21.5	16.3	16.7	16.4	16.5	59	54	70	61	10.0	
17	22.2	23.8	21.7	16.2	17.0	16.9	16.7	61	53	73	62	9.8	
18	23.1	22.3	20.9	17.2	14.6	14.5	15.4	61	46	55	54	10.0	
19	20.6	22.9	19.9	13.2	15.5	13.8	14.2	47	48	58	51	10.0	
20	21.6	22.2	20.4	14.9	14.9	14.8	14.9	54	49	65	56	9.8	
21	20.9	21.6	20.1	14.5	13.9	14.8	14.4	56	58	67	60	9.5	
22	22.1	23.3	21.8	16.0	16.8	17.7	16.8	60	55	80	65	9.7	
23	22.8	23.9	22.2	17.9	17.9	18.6	18.1	69	59	85	71	9.7	
24	22.5	24.1	21.4	17.7	18.0	16.1	17.3	72	59	67	66	9.5	
25	22.1	22.9	20.1	15.9	16.0	14.3	15.4	58	52	63	58	9.4	
26	21.1	22.1	20.0	14.4	15.0	14.5	14.6	54	49	65	56	9.4	
27	21.3	22.2	21.1	14.8	15.5	16.4	15.6	54	54	75	61	9.6	
28	21.6	22.7	21.4	15.6	16.4	16.6	16.2	61	58	72	64	9.6	
29	20.4	22.0	20.8	13.5	14.7	16.0	14.7	51	49	73	58	9.8	
30	19.4	19.6	18.7	11.9	11.2	13.4	12.2	43	36	59	45	9.6	
	22.50	23.46	21.69	16.38	16.66	16.61	16.54	58.3	52.7	68.9	59.9	9.80	0.127

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

SEPTEMBER 1934
METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	1ci	1ci	3cu	1.7	1w	1w	0	98.2	light	
2	1cu	1cu	0	0.7	1w	1w	0	66.0	„	
3	3cu	1cu	0	1.3	0	1w	1sw	133.6	calm	
4	2cu	1ci	1ci	1.3	2e	1ne	1e	59.5	slight	
5	0	0	0	0.0	1ne	1nw	3nw	99.8	„	
6	0	0	0	0.0	2ne	3ne	4e	168.9	rough	
7	3cu	3cu	4cu	3.3	1w	1w	0	180.2	calm	Rain at night
8	3cuni	2cu	1cu	2.0	1w	3w	2sw	270.4	„	
9	1cu	1cu	2cu	1.3	2sw	3w	1w	390.0	slight	
10	2cu	1stcu	4cu	2.3	1w	1w	0	368.5	light	Traces of Rain
11	3stcu	1st	0	1.3	1sw	2w	0	281.6	„	
12	0	1cu	0	0.3	1nw	1w	0	111.0	slight	
13	0	1cu	0	0.3	1sw	3w	6w	156.1	rough	
14	0	0	0	0.0	2nw	3ne	5n	246.2	mod.	
15	0	1cu	1cu	0.7	1e	3w	0	103.0	light	
16	1cu	1cu	1cu	1.0	2w	2w	0	178.6	slight	
17	1cu	3cuci	2cu	2.0	0	1nw	0	146.4	„	
18	0	1cu	0	0.3	1e	1n	1n	49.9	„	
19	0	0	0	0.0	1e	2ne	0	37.0	light	
20	0	1st	0	0.3	0	1nw	0	74.0	slight	
21	2stni	1st	0	2.3	2w	2nw	0	141.6	„	
22	2stcu	1st	0	1.0	0	2sw	0	167.3	„	
23	1cu	1cu	0	0.7	1w	3sw	0	85.3	calm	
24	2cu	1cu	1cu	1.3	4sw	5s	2sw	418.4	slight	
25	1cu	1stcu	2cu	1.7	2s	5w	1s	415.2	„	
26	5cuni	3stcu	4cu	4.0	3w	4sw	0	402.3	light	
27	2cu	3ci	1ci	2.0	1sw	1ne	0	220.5	slight	
28	1cu	1cu	0	0.7	0	1nw	0	120.7	„	
29	0	1stcu	0	0.3	0	1nw	0	57.9	„	
30	1cu	1cu	0	0.7	1e	1sw	0	127.1	„	
					36	60	27			
				1.16	1.2	2.0	0.9	179.17		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	2	5	0	1	5	9	2	6	30
14:30	1	5	0	0	1	4	13	6	0	30
20:30	2	0	2	0	1	3	2	1	19	30
Totals	3	7	7	0	3	12	24	9	25	93

Number of days with rain 1, fog 0, thunderstorms 0, gale .0

50-yr. average number of days with rain during month 1.2